



Supercut - 9N

NEW COMPACT SERIES CNC TURNING MACHINE

- ▶ Robust spindle with big bore sizes
- ▶ High rapid traverse 20 m/min - lesser non cutting time (x-axis)
- ▶ Compact foot print in its class
- ▶ Precision linear motion guide ways for axes
- ▶ Precision ball-screw Fixed-Fixed, pre-stretched mounting- higher stiffness & accuracy
- ▶ Slide in chip trolley or chip conveyor
- ▶ Latest FANUC or Siemens CNC system
- ▶ Turn Mill centers - Live tool and C-axis optional.

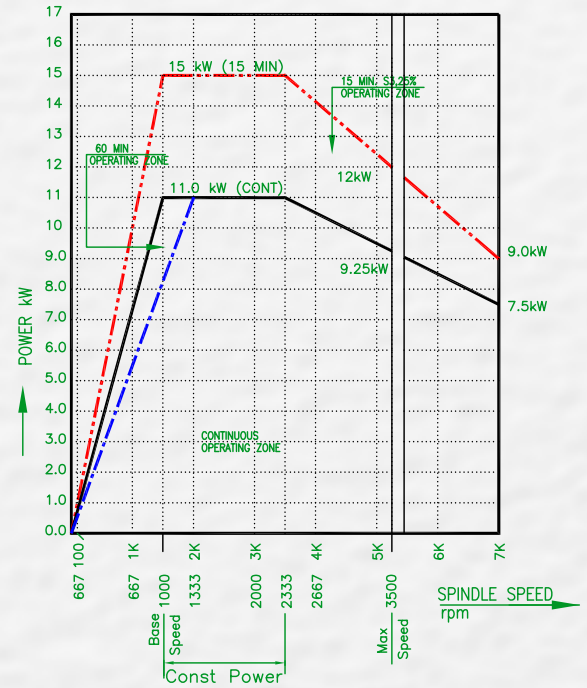
700 ABC

SPECIFICATION : SUPERCUT 9N- 700 ABC

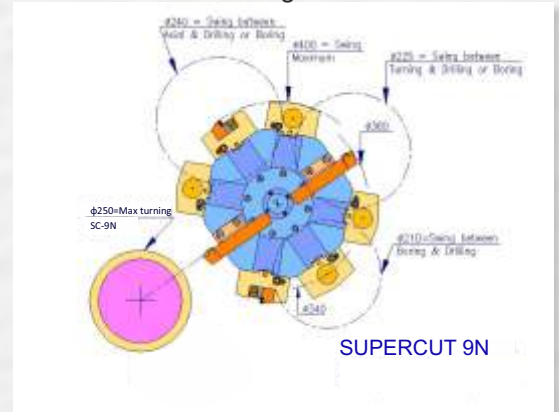
Capacity	Unit	SC9N
Chuck size	mm	250
Admit Between Center	mm	700
Turning length between centre	mm	650
Max Turning diameter	mm	250
Swing over bed	mm	450
Max bar work size **	mm	60
Slant angle to horizontal	deg	35
Headstock:		
Spindle nose		A2-6
Hole through spindle	mm	76
Front bearing dia	mm	110
Spindle speed range	rpm	35-3500
Constant power speed range	rpm	1000-3000
Spindle motor power	kW	11/15
Spindle center height	mm	1000
Axes:		
X-axis stroke	mm	170
Z-axis stroke	mm	650
Axes motor power and torque	Nm	11
Rapid rate	m/min	20(X),15(Z)
Feed rate	mm/min	8000
Turret & Tooling's:		
Turrent type	Type	EM/ Hyd
Number of stations	Nos.	8/12
Positioning Accuracy	deg	± 6 " / ± 4 "
Repeatability	deg	±2 " / ±1 "
Tyep of Disc	Type	Oct-Slotted wedge type
Turning tool size	mm	25x25
Boring bar size	mm	∅40
Tailstock:		
Quill diameter	mm	80
Tailstock centre	mm	MT-4
Quill movement	mm	100
Tailstock travel	mm	450
Maximum thrust at 25 bar	Nm	5,000
Tank Capacity:		
Coolant tank with chip trolley	Ltr	100
Coolant tank with chip conveyor	Ltr	100
Hydraulic tank capacity	Ltr	45
Machine Size & Weight:		
Lx Wx (approx)	mm	2800x1500x1700
Weight (approx) Co. chip conveyor	kg	3600
CNC System :		
No. of axes	Nos.	2
Electricals		415V, 3 Phase, 50Hz
Control voltage		24 V DC
Total connected load (Approx)	KVA	40
Accuracies		
Positioning accuracy x/z	mm	0.01(X)/0.015/300(Z)
Repeatability accuracy x/z	mm	0.004
Note : All specifications in this catalogue are subject to change without notice.		

*Dependent on selection of work holding

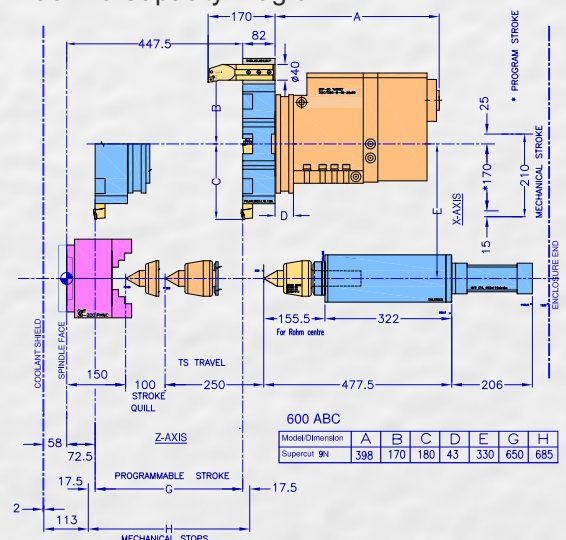
Spindle Speed Power Chart



Turret Interference Diagram



Machine Capacity Diagram



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